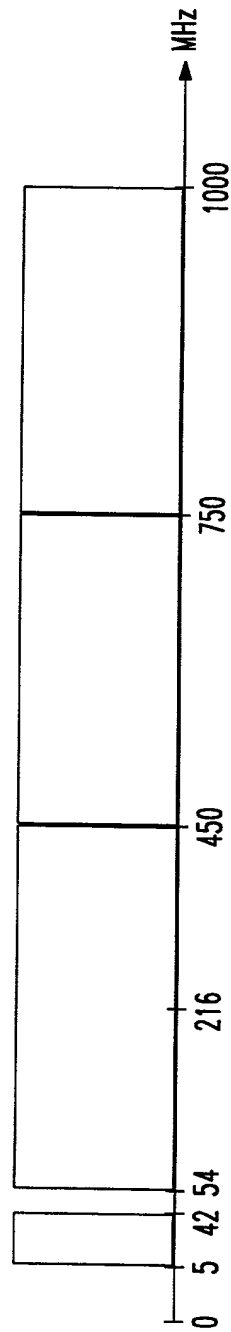


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FIG. 2



54 - 54 MHz : BROADCAST DOWNSTREAM (FROM CABLE HEADEND TO HOME/OFFICE) BY TODAY'S ANALOG BROADCAST CABLE TELEVISION (CATV) WITH 6 MHz PER CHANNEL FOR NTSC VIDEO

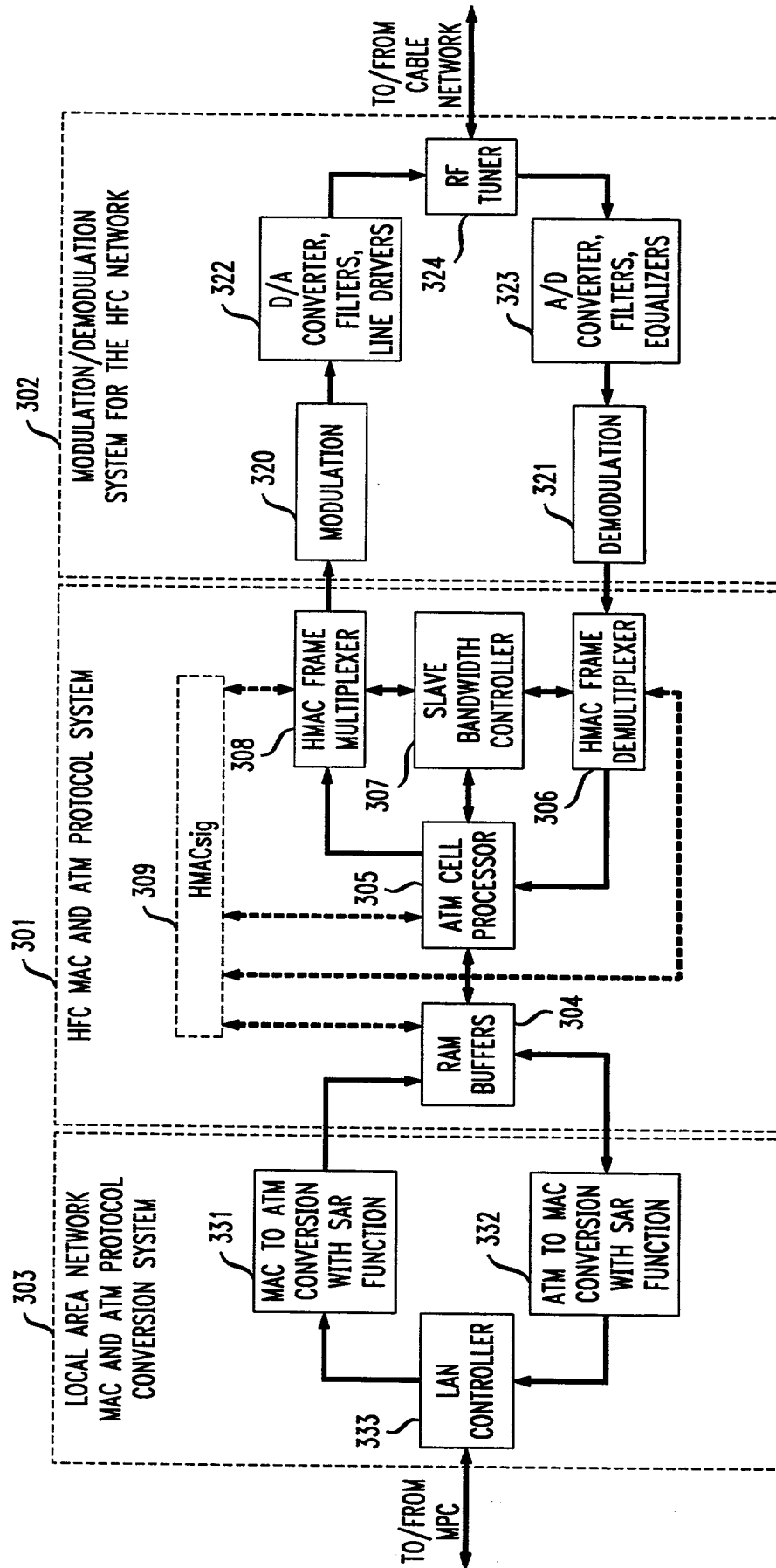
54 - 216 MHz : UPSTREAM DATA TRANSMISSION (FROM HOME/OFFICE TO CABLE HEADEND) THROUGH SPLITTING CHANNELS (POSSIBLY 1 MHz PER CHANNEL) USING DIGITAL MODULATION SCHEMES

216 - 450 MHz : DOWNSTREAM DATA TRANSMISSION (FROM CABLE HEADEND TO HOME/OFFICE) FOR EMERGING SERVICES THROUGH SPLITTING CHANNELS (POSSIBLY 6 MHz PER CHANNEL) USING SWITCHED TRANSMISSIONS WITH DIGITAL MODULATION SCHEMES

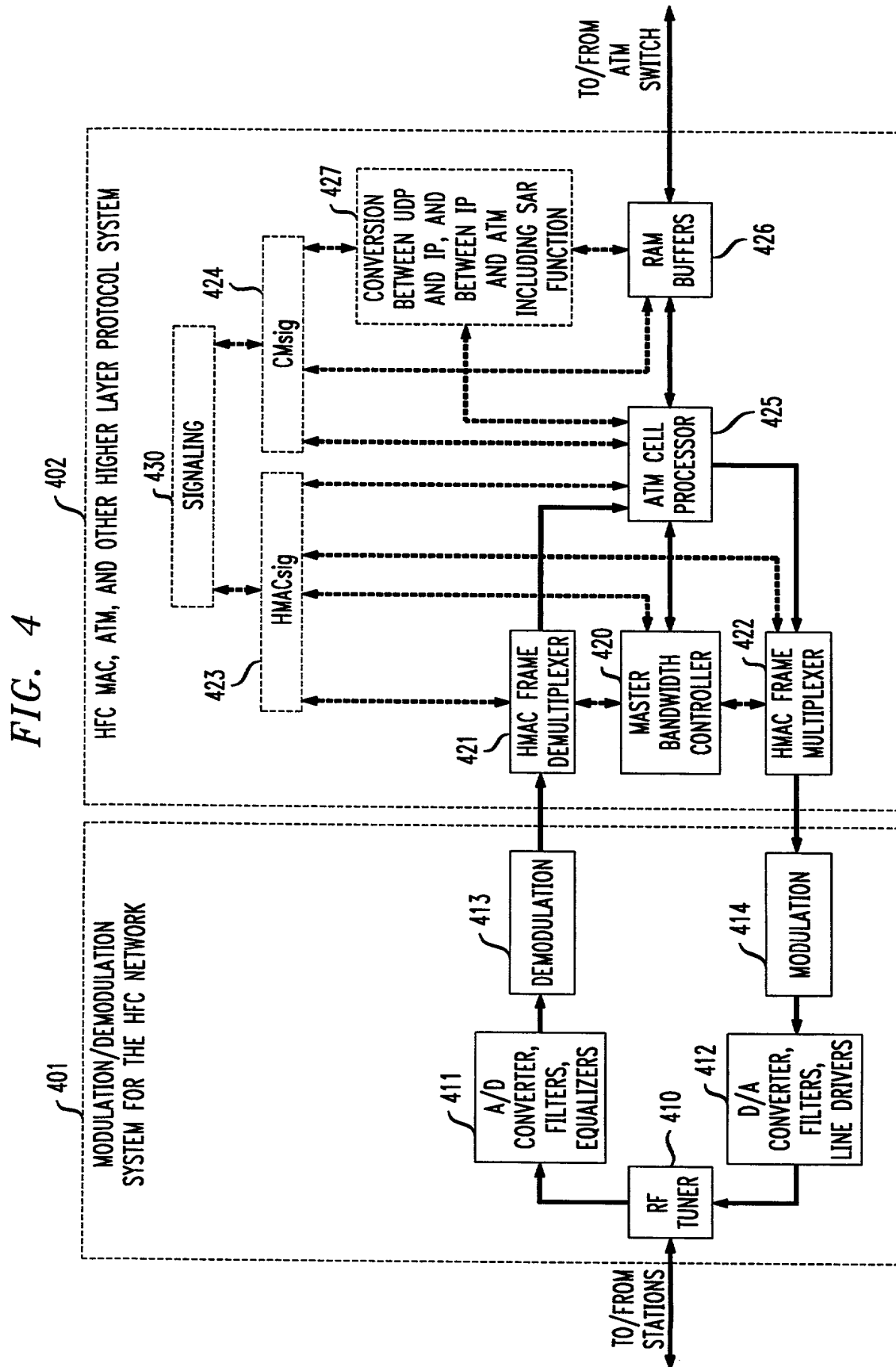
450 - 1000 MHz : UPSTREAM/DOWNSTREAM DATA TRANSMISSION FOR FUTURE SERVICES

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FIG. 3



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FIG. 5

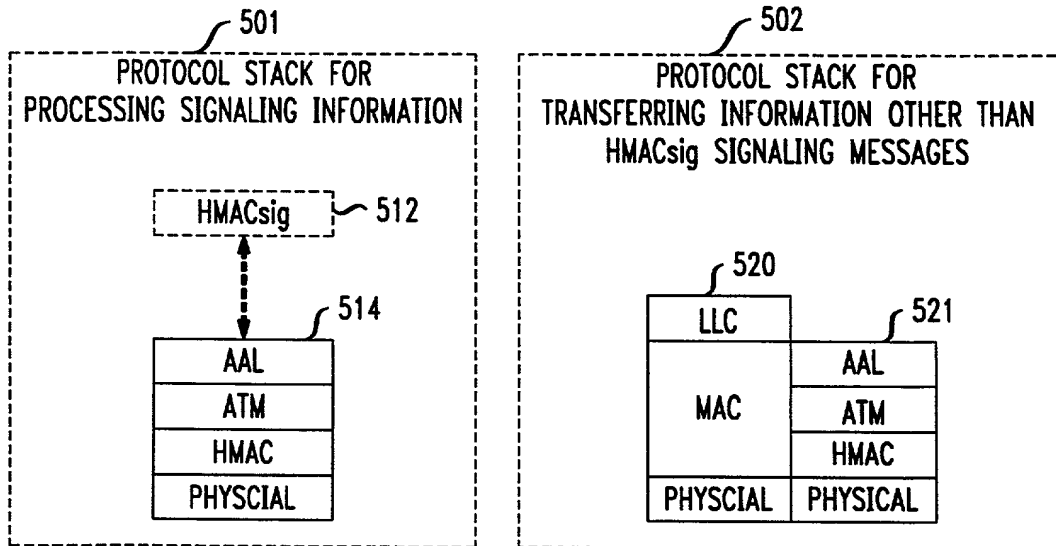
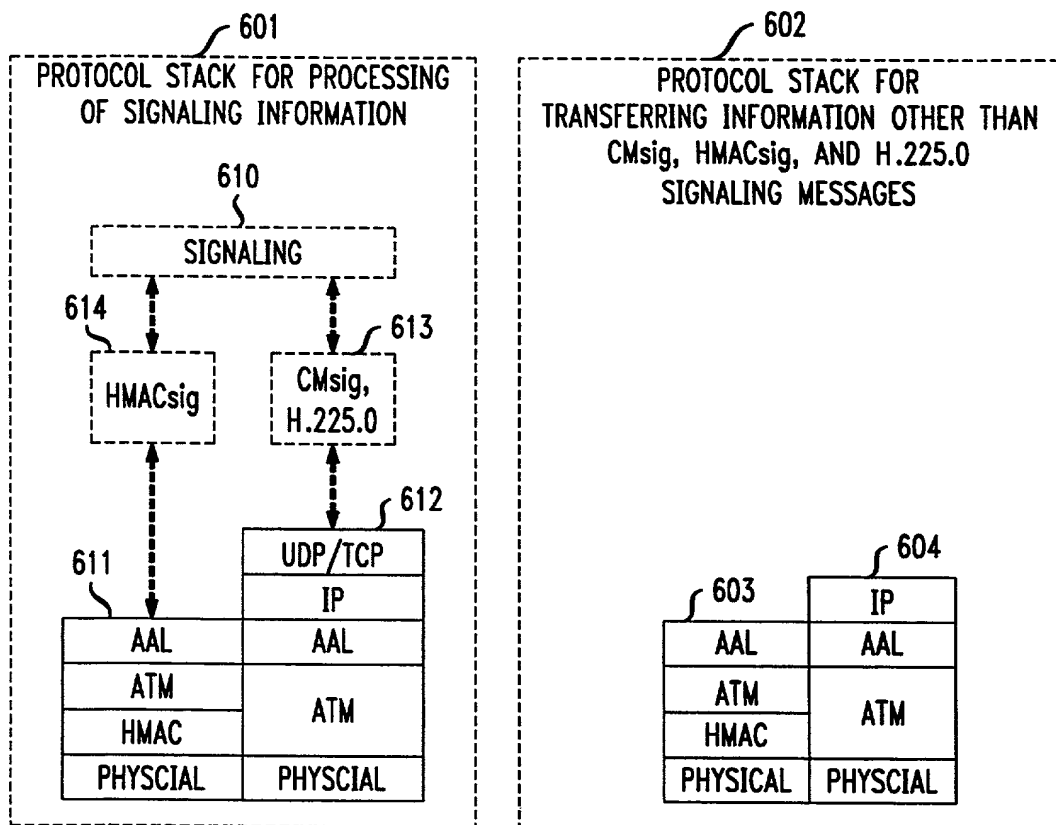
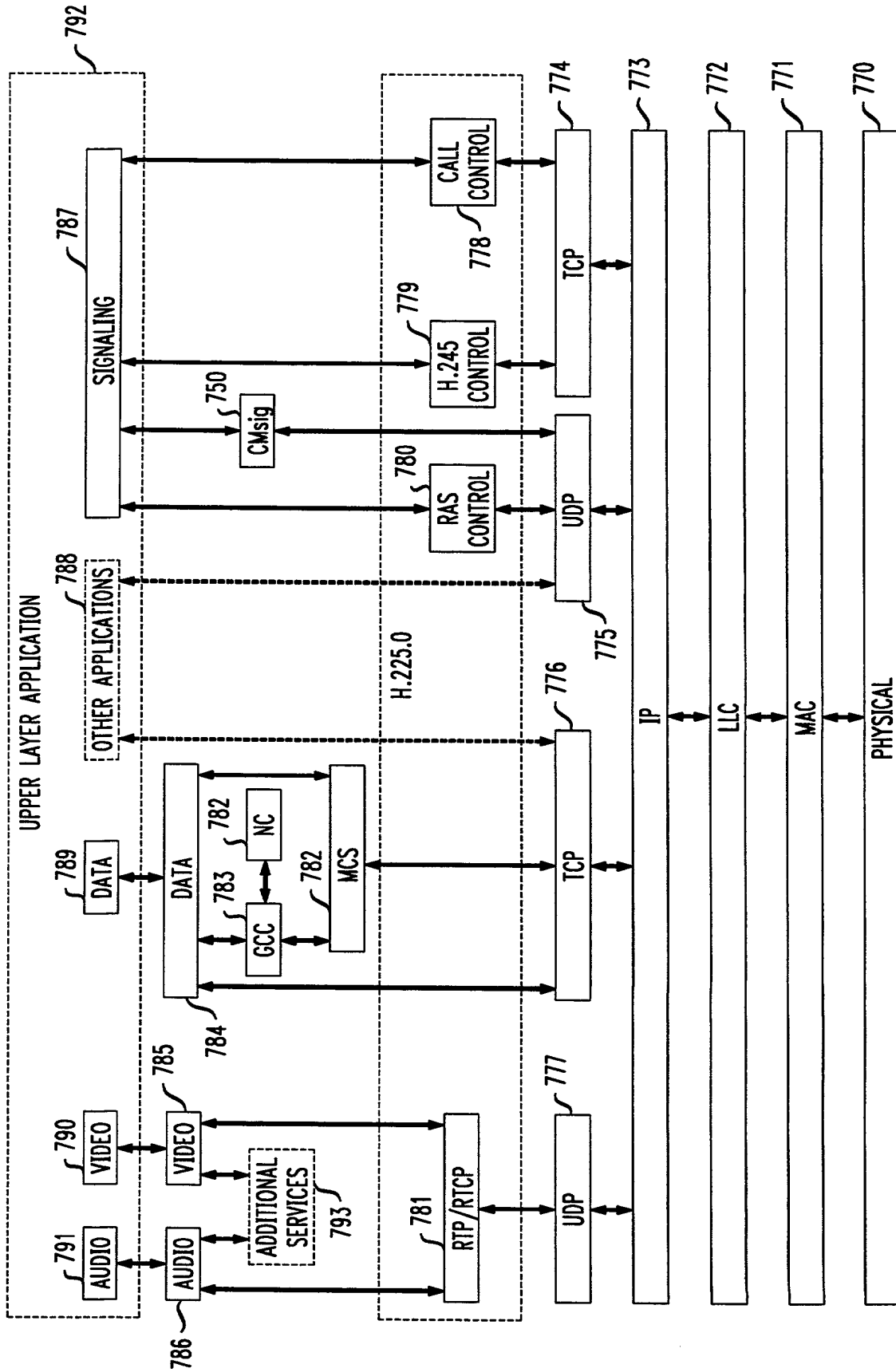


FIG. 6



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FIG. 7



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FIG. 9

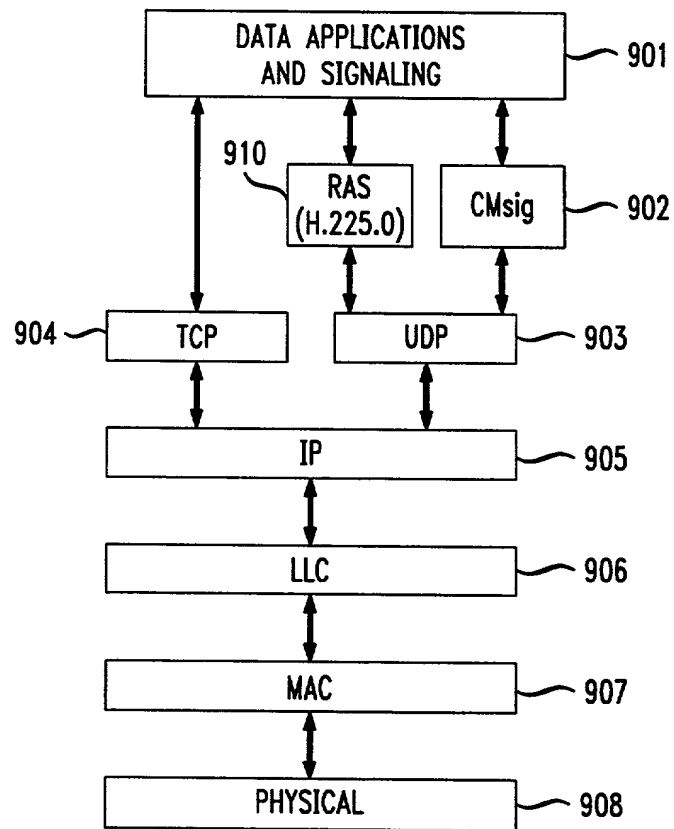
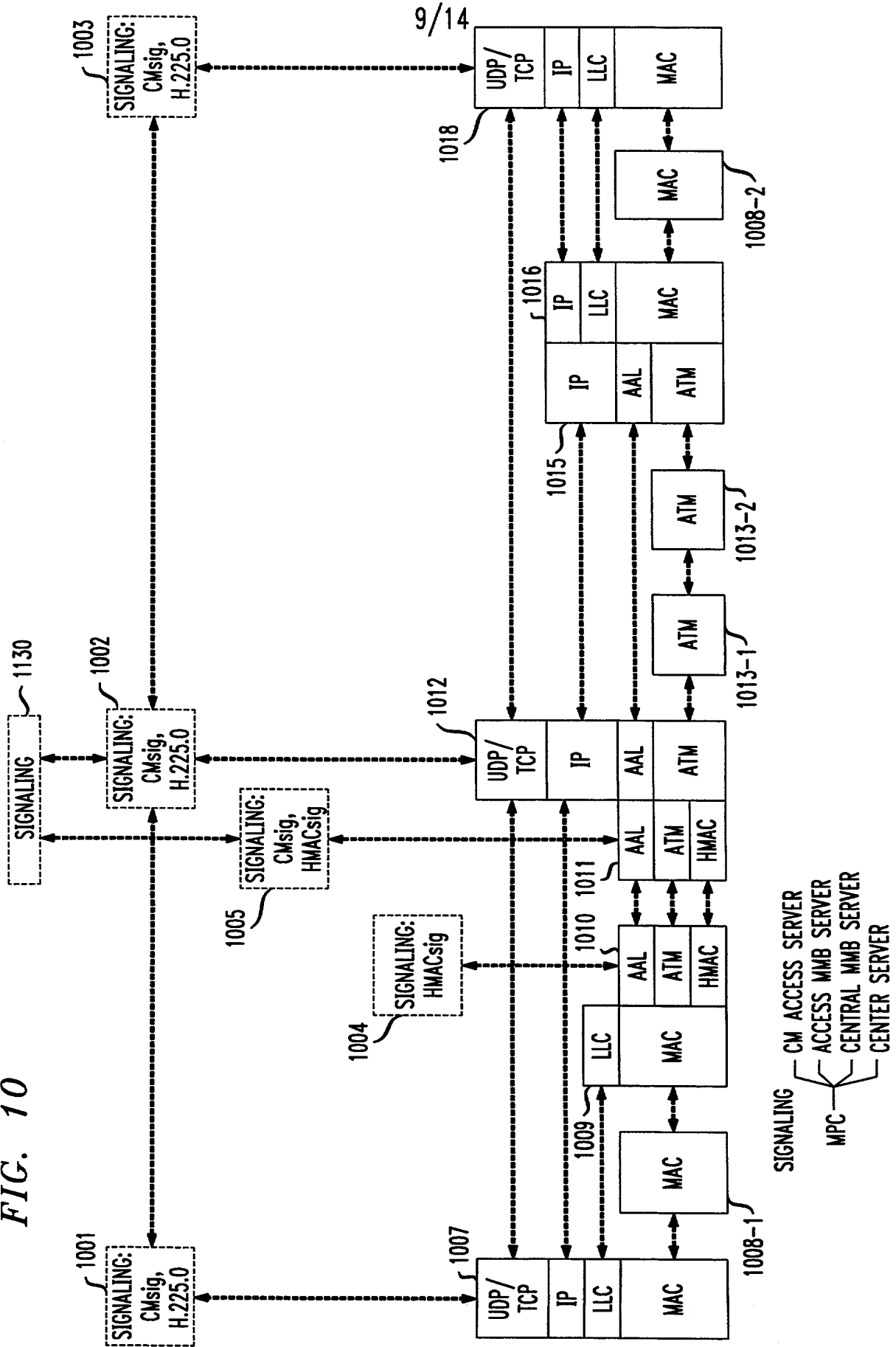


FIG. 10



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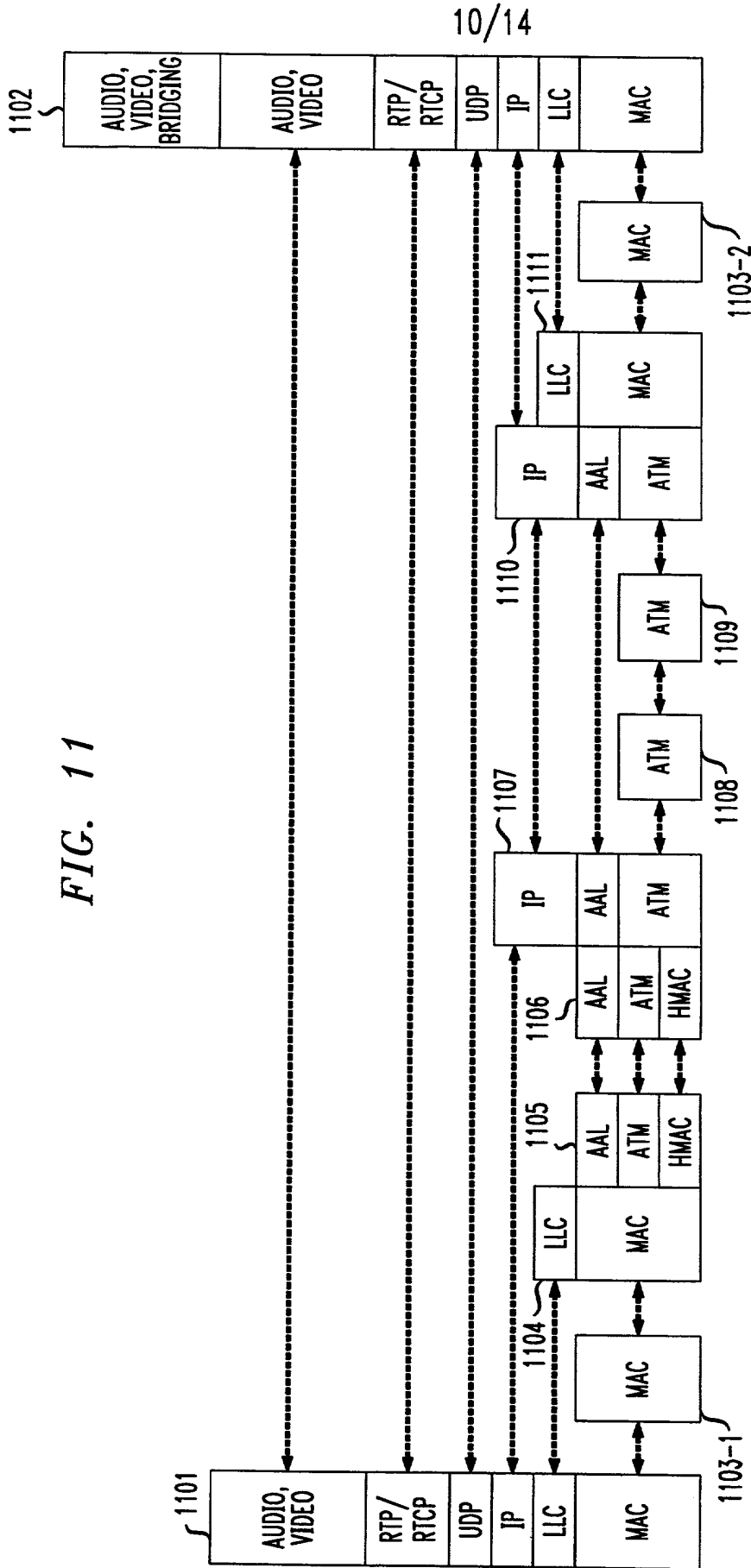
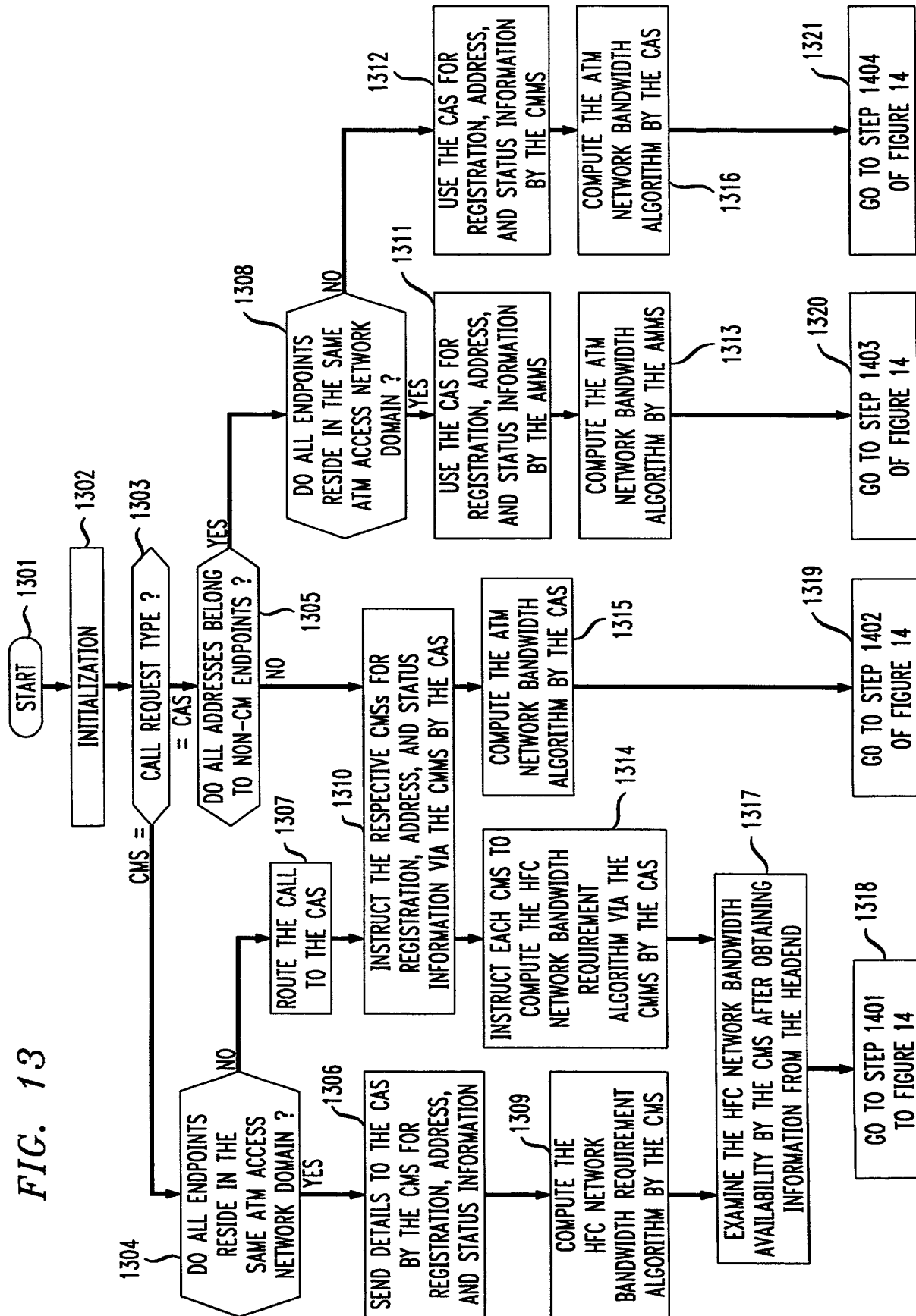


FIG. 11

MULTIMEDIA INFO
 MPC
 ACCESS MMB SERVER
 CENTRAL MMB SERVER

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FIG. 13



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